

Nutrient Management Enhancements



Natural Resources Conservation Service
United States Department of Agriculture

Minnesota, 2006

Improve the utilization of nutrients and address water quality concerns by basing manure application rates on phosphorus on all enrolled fields bordering permanent streams, lakes, and Types 3-8 wetlands.

Definition

Manure is applied annually at crop P_2O_5 removal rates (NRCS database) or applied once at Univ. of Minn. Recommended nitrogen fertilizer rates with no further manure applications until extra phosphorus applied at an N based application is used by following crops.

Purpose

The purpose of this enhancement is to reduce the potential for phosphorus and pathogen movement in runoff towards water bodies.

Where Used

This enhancement may be used on fields receiving manure application and contain/border a permanent stream, lake and/or type 3-8 wetland.

Operation and Maintenance

There are no additional operation and maintenance instructions.

Payment Rate

The payment is for this enhancement is an annual per acre payment on all fields meeting the criteria.

Documentation Required

NRCS-Minnesota Form MN-CPA-046 dtd. 1/ 04 (Practices Certification/Recordkeeping Form) or a similar form plus indicate on a map where the field(s) is located.

I certify that, to the best of my knowledge, the above information is correct and that, if requested, I will provide additional documentation to support the above information.

Signature _____ Date _____